

Atty Dkt No. 8500-0258  
SRI No. US4059-2  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:  
Richard H. PETERS et al.

Serial No.: 09/780,990

Filing Date: February 9, 2001

Title: SYNTHESIS OF ANTI-ESTROGENIC AND OTHER THERAPEUTIC STEROIDS  
FROM 21-HYDROXY-19-NORPREGNA-4-EN-3-ONE

Group Art Unit: 1616

Examiner: Sabiha QAZI

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**SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT AND  
CERTIFICATION UNDER 37 CFR § 1.97(e)**

Commissioner for Patents  
Washington, DC 20231

Sir:

This is a Second Supplemental Information Disclosure Statement submitted for the Examiner's consideration. Applicants respectfully request that the Examiner review and make of record the references identified below.

The references listed below were cited in an International (PCT) Search Report dated January 18, 2002, for the PCT application corresponding to the above-identified U.S. patent application. A copy of the Search Report, including an indication of the purported relevance of the cited references, is enclosed. Copies of the references are also submitted herewith.

A PTO-1449 form listing the references accompanies this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record. The references are as follows:

U.S. PATENT DOCUMENTS		
Patent No.	Issue Date	Patentee
2,925,427	2/16/60	Djerassi et al.
3,065,226	11/20/62	Ringold et al.
3,194,821	7/13/65	Freiberg et al.

FOREIGN PATENT DOCUMENTS		
Document No.	Publication Date	Country
FR2190427	2-1-74	France
JP43021058 (abstract only)	5/30/65	Japan
JP54112850 A	9/4/79	Japan
JP54117454 A	9/12/79	Japan
JP54117455 A	9/12/79	Japan
JP54117456 A	9/12/79	Japan
GB1277265	6/7/72	United Kingdom

OTHER DOCUMENTS
Bolt et al. (1971), "The 6.alpha.-and 6.beta.-Methyl Steroids in the 19-nor Series," <i>Recl. Trav. Chim. Pays-Bas</i> <u>90</u> (8):849-60 (abstract only).
Fennell et al. (1992), "Effects of Androgen Testosterone 5-Alpha Dihydrotestosterone 19 Nortestosterone Administration on Growth in Turkeys," <i>Poultry Science</i> <u>71</u> (3):539-547 (abstract only).
Gaillard (1991), "Equine Testicular Aromatase Substrates Specificity and Kinetic Characteristics," <i>Comparative Biochemistry and Physiology B Comparative Biochemistry</i> <u>100</u> (1):107-116 (abstract only).
Johnson (1972), "6,6-Difluoro-19-Norprogesterone," <i>Journal of Medicinal Chemistry</i> <u>15</u> (7):784-785.
Krubiner et al. (1966), "The Conversion of 17-Keto Steroids to 20-Olygenated Steroids. A Facile Synthesis of 19-Norprogesterone," <i>Journal of Organic Chemistry</i> <u>31</u> (1):24-26.
Skaddan et al. (1999), "Synthesis and Binding Affinities of Novel Re-Containing 7α-Substituted Estradiol Complexes: Models for Breast Cancer Imaging Agents," <i>J. Org. Chem.</i> <u>64</u> (22):8108-8121.
Sundaram et al. (1995), "Different Patterns of Metabolism Determine the Relative Anabolic Activity of 19-Norandrogens," <i>Journal of Steroid Biochemistry and Molecular Biology</i> <u>53</u> (1-6):253-257 (abstract only).

This Second Supplemental Information Disclosure Statement is not intended as a representation that additional information material to the examination of this application does not exist or that any of the above references constitutes prior art to the present application within the meaning of 35 USC § 102.

As this Supplemental Information Disclosure Statement is being filed within three months of the date of the International Search Report (i.e., January 18, 2002), no fee is required at this time. If, for any reason, a fee is found to be necessary, our Deposit Account No. 18-0580 may be charged therefor.

The undersigned hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement (37 CFR § 1.97(e)(1)).

The person making this certification is the practitioner who signs below on the basis of the information in the practitioner's file.

Respectfully submitted,

2/22/02  
Date

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